In re Application of PARUPUDI et al.
Serial No. 09/256,624

AMENDMENTS TO CLAIMS

Please amend the claims as follows (*wherein additions are shown by underlining and deletions are shown by strikethrough*):

1.   (Previously amended): A system for providing notifications of computer system events to clients, comprising, a central service configured to monitor for system events including at least one system event corresponding to whether network connectivity has changed state and to fire at least one event ~~notifications~~ notification in response thereto, including at least one event notification when a network connection is established, a registration mechanism for clients to register for notification of one or more types of events, including at least one client registered for network connectivity event notification, and a distribution mechanism that communicates ~~a~~ the fired at least one event notification to each client registered for notification thereof based on the type of event notification, wherein the client registers for notification for a type of event with the registration mechanism and includes condition information therewith, and the distribution mechanism includes a filtering mechanism for selectively communicating an event notification based on at least one condition.

2.   (Previously amended): The system of claim 1 wherein the registration mechanism and distribution mechanism are incorporated in a loosely coupled events database including an event class object, and wherein the central service is a publisher and each client is a subscriber.

2

In re Application of PARUPUDI et al.
Serial No. 09/256,624

3.   (Original): The system of claim 1 wherein the notification includes

activating, starting or running a program or script.

4.   (Cancelled)

5.   (Previously amended): The system of claim 3 wherein the registration

mechanism and distribution mechanism are incorporated in a loosely coupled events

database including an event class object.

6.   (Original): The system of claim 1 wherein the central service receives at

least some of the system events from an operating system.

7.   (Original): The system of claim 1 wherein the system event includes

information related to the power state of the machine.

8.   (Original): The system of claim 1 wherein the system event includes

information related to the logon state of the machine.

9.   (Original): The system of claim 1 wherein the central service receives

system event information related to a network.

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10-14. (Cancelled)

3

In re Application of PARUPUDI et al.
Serial No. 09/256,624

15-22. (Withdrawn)

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23. (Previously amended): A computer-readable medium having computer-executable instructions for performing steps comprising:

a) receiving system information at a central service;

b) publishing an event notification in response thereto, the event notification having an event type associated therewith;

c) receiving the event notification at an event class object of a loosely coupled events database;

d) matching the event notification with at least one client that has subscribed for event notification based on the type of event; and

e) communicating the event notification via the event class object to each client that has subscribed therefor.

24. (Original): The computer-readable medium of claim 23 having further computer-executable instructions for performing the step of, filtering event notifications by selectively communicating event notifications based on at least one condition.

25. (Original): The computer-readable medium of claim 23 wherein the central service receives the system information as system events from an operating system.

26. (Previously amended): The computer-readable medium of claim 23 wherein the system information includes information related to a network state.

4

In re Application of PARUPUDI et al.
Serial No. 09/256,624

27.   (Original): The computer-readable medium of claim 26 wherein the network

is a wide area network, and wherein the step of receiving system information at a central

service comprises the step of receiving remote access services events.

28.   (Original): The computer-readable medium of claim 26 wherein the network

is a local area network, and having further computer-executable instructions for performing

the step of caching network information corresponding to activity on the local area network.

29.   (Original): The computer-readable medium of claim 28 having further

computer-executable instructions for performing the step of evaluating cached network

information to determine the state of network connectivity.

30.   (Original): The computer-readable medium of claim 29 wherein the central

service publishes an event when the state of network connectivity has changed from a

previous value thereof.

31-43. (Withdrawn)

5

In re Application of PARUPUDI et al.
Serial No. 09/256,624

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44.   (new): A system for providing notifications of computer system events to clients, comprising:

a registration mechanism for clients to register for notification of one or more types of events, including at least one client registered for network connectivity event notification;

a distribution mechanism that communicates the at least one fired event notification to each client registered for notification thereof based on the type of event notification; and

a central service configured to monitor for system events including at least one system event corresponding to whether network connectivity has changed state and to fire at least one event notification in response thereto, including at least one event notification when a network connection is established, the central service including a plurality of time-based caches for caching network information and a mechanism for evaluating differences between at least two of the caches to determine a connectivity state of a network.

45.   (new): The system of claim 44 wherein the time-based caches maintain counts corresponding to network activity.

46.   (new): The system of claim 45 wherein the time-based counts corresponding to network activity include counts of incoming packets, outgoing packets, incoming errors and outgoing errors.

47.   (new): The system of claim 46 wherein the mechanism for evaluating the caches determines that the connectivity state of the network is true if the incoming packet

6

In re Application of PARUPUDI et al.
Serial No. 09/256,624

counts have increased based on at least one difference in the packet counts between at least

two of the caches.

7